

SEQUENCE LISTING

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<120> CAMPYLOBACTER VACCINE

<130> JACOBS

<140> 09/TO BE ASSIGNED

<141> 2000-04-07

<150> EP99201086.8

<151> 1999-04-09

<160> 2

<170> PatentIn Ver. 2.0

<210> 1

<211> 125

<212> PRT

<213> Campylobacter jejuni

<400> 1

Met Ala Ile Ser Lys Glu Asp Val Leu Glu Tyr Ile Ser Asn Leu Ser
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Val Leu Glu Leu Ser Glu Leu Val Lys Glu Phe Glu Glu Lys Phe Gly
20 25 30

Val Ser Ala Ala Pro Val Met Val Ala Gly Gly Ala Val Ala Gly Gly
35 40 45

Ala Val Ala Ala Ala Glu Glu Lys Thr Glu Phe Asp Ile Val Leu Thr
50 55 60

Asp Gly Gly Ala Lys Lys Ile Glu Val Ile Lys Ile Val Arg Ala Leu
65 70 75 80

Thr Gly Leu Gly Leu Lys Glu Ala Lys Asp Ala Val Glu Gln Thr Pro
85 90 95

Ser Thr Leu Lys Glu Gly Val Ala Lys Ala Glu Ala Glu Glu Ala Lys
100 105 110

Lys Gln Leu Glu Glu Ala Gly Ala Lys Val Glu Leu Lys

115

120

125

<210> 2
<211> 545
<212> PRT
<213> *Campylobacter jejuni*

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Met Ala Lys Glu Ile Ile Phe Ser Asp Glu Ala Arg Asn Lys Leu Tyr
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Glu Gly Val Lys Lys Leu Asn Asp Ala Val Lys Val Thr Met Gly Pro
20 25 30
Arg Gly Arg Asn Val Leu Ile Gln Lys Ser Phe Gly Ala Pro Ser Ile
35 40 45
Thr Lys Asp Gly Val Ser Val Ala Lys Glu Val Glu Leu Lys Asp Ser
50 55 60
Leu Glu Asn Met Gly Ala Ser Leu Val Arg Glu Val Ala Ser Lys Thr
65 70 75 80
Ala Asp Gln Ala Gly Asp Gly Thr Thr Ala Thr Val Leu Ala His
85 90 95
Ala Ile Phe Lys Glu Gly Leu Arg Asn Ile Thr Ala Gly Ala Asn Pro
100 105 110
Ile Glu Val Lys Arg Gly Met Asp Lys Ala Cys Glu Ala Ile Val Ala
115 120 125
Glu Leu Lys Leu Ser Arg Glu Val Lys Asp Lys Lys Glu Ile Ala
130 135 140
Gln Val Ala Thr Ile Ser Ala Asn Ser Asp Glu Lys Ile Gly Asn Leu
145 150 155 160
Ile Ala Asp Ala Met Glu Lys Val Gly Lys Asp Gly Val Ile Thr Val
165 170 175
Glu Glu Pro Lys Ser Ile Asn Asp Glu Leu Asn Val Val Glu Gly Met
180 185 190
Gln Phe Asp Arg Gly Tyr Leu Ser Pro Tyr Phe Ile Thr Asn Ala Glu
195 200 205

Lys Met Thr Val Glu Leu Ser Ser Pro Tyr Ile Leu Leu Phe Asp Lys
210 215 220

Lys Ile Thr Asn Leu Lys Asp Leu Leu Pro Val Leu Glu Gln Ile Gln
225 230 235 240

Lys Thr Gly Lys Pro Leu Leu Ile Ile Ala Glu Asp Ile Glu Gly Glu
245 250 255

Ala Leu Ala Thr Leu Val Val Asn Lys Leu Arg Gly Val Leu Asn Ile
260 265 270

Ser Ala Val Lys Ala Pro Gly Phe Gly Asp Arg Arg Lys Ala Met Leu
275 280 285

Glu Asp Ile Ala Ile Leu Thr Gly Gly Glu Val Ile Ser Glu Glu Leu
290 295 300

Gly Arg Thr Leu Glu Ser Ala Thr Ile Gln Asp Leu Gly Gln Ala Ser
305 310 315 320

Ser Val Ile Ile Asp Lys Asp Asn Thr Thr Ile Val Asn Gly Ala Gly
325 330 335

Glu Lys Ala Asn Ile Asp Ala Arg Val Asn Gln Ile Lys Ala Gln Ile
340 345 350

Ala Glu Thr Thr Ser Asp Tyr Asp Arg Glu Lys Leu Gln Glu Arg Leu
355 360 365

Ala Lys Leu Ser Gly Val Ala Val Ile Lys Val Gly Ala Thr Thr
370 375 380

Glu Thr Glu Met Lys Glu Lys Lys Asp Arg Val Asp Asp Ala Leu Ser
385 390 395 400

Ala Thr Lys Ala Ala Val Glu Glu Gly Ile Val Ile Gly Gly Ala
405 410 415

Ala Leu Ile Lys Ala Lys Ala Lys Ile Lys Leu Asp Leu Gln Gly Asp
420 425 430

Glu Ala Ile Gly Ala Ala Ile Val Glu Arg Ala Leu Arg Ala Pro Leu
435 440 445

Arg Gln Ile Ala Glu Asn Ala Gly Phe Asp Ala Gly Val Val Val Asn
450 455 460

Ser Val Glu Asn Ala Lys Asp Glu Asn Thr Gly Phe Asp Ala Ala Lys
465 470 475 480

Gly Glu Tyr Val Asn Met Leu Glu Ser Gly Ile Ile Asp Pro Val Lys
485 490 495

Val Glu Arg Val Ala Leu Leu Asn Ala Val Ser Val Ala Ser Met Leu
500 505 510

Leu Thr Thr Glu Ala Thr Ile Ser Glu Ile Lys Glu Asp Lys Pro Thr
515 520 525

Met Pro Asp Met Ser Gly Met Gly Gly Met Gly Met Gly Gly Met
530 535 540

Met
545